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## ABSTRACT

A method for optimization of traffic distribution in a communication network with multipath routing is provided. Distribution weightings are provided for a node of the communication network which has several alternatives or downward links for the routing to a target. The distribution weightings are modified relative to each other as a measure of the traffic loading on the downward links in order to reduce distributed traffic on highly loaded links and to increase distributed traffic on the less loaded links. An even traffic distribution on the communication network is thus achieved.